

## EAST Search History

### EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	4	("6708278"   "6727952"   "6820169"   "7003639").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/21 11:19
L2	8	L1 SAME power	US-PGPUB; USPAT	ADJ	ON	2009/07/21 11:18
L1	162	determin\$3) NEAR4 optim\$2 NEAR4 (buffer or RAM or memory) NEAR4 (size or space)	US-PGPUB; USPAT	ADJ	ON	2009/07/21 11:18
S114	2	("2003/0145239").URPN.	USPAT	ADJ	ON	2009/07/13 09:44
S113	1	"5719800".pn.	US-PGPUB; USPAT	ADJ	ON	2009/07/13 09:27
S112	1	"5615162".pn.	US-PGPUB; USPAT	ADJ	ON	2009/07/13 09:27
S111	3	("20020045961"   "20050180269"   "6339811").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/24 12:04
S110	5	S109 and (power or energy).ti.	US-PGPUB; USPAT	ADJ	ON	2009/02/24 12:00
S109	113	S107 and S108	US-PGPUB; USPAT	ADJ	ON	2009/02/24 11:59
S108	4777	((FIFO or queue or RAM or buffer) NEAR3 (size or space or capacity or amount)) WITH (optimal or ideal or best or minimum)	US-PGPUB; USPAT	ADJ	ON	2009/02/24 11:59
S107	1404	power NEAR3 (sav\$3 or consum\$5 or aware)) and stream\$3 and (mass storage or (hard NEAR3 (disk or disc or drive))) and ((FIFO or queue or RAM or buffer) NEAR3 (size or space or capacity or amount))	US-PGPUB; USPAT	ADJ	ON	2009/02/24 11:58

S106	1248	(power NEAR3 (sav\$3 or consum\$5 or aware)) and stream\$3 and (mass storage or (hard NEAR3 (disk or disc or drive))) and ((FIFO or queue or RAM or buffer) NEAR3 (size or space or capacity))	US-PGPUB; USPAT	ADJ	ON	2009/02/24 11:58
S105	864	(power NEAR3 (sav\$3 or consum\$5 or aware)) and stream\$3 and (hard NEAR3 (disk or disc or drive)) and (buffer NEAR3 (size or space or capacity))	US-PGPUB; USPAT	ADJ	ON	2009/02/24 11:56
S104	11	S103 and (power or energy)	US-PGPUB; USPAT	ADJ	ON	2009/02/24 11:42
S103	41	benini.in.	US-PGPUB; USPAT	ADJ	ON	2009/02/24 11:41
S102	1	"6865653".pn.	US-PGPUB; USPAT	ADJ	ON	2009/02/24 11:39
S101	1	"6684298".pn.	US-PGPUB; USPAT	ADJ	ON	2009/02/20 14:16
S100	1	"7106338".pn.	US-PGPUB; USPAT	ADJ	ON	2009/02/20 13:38
S99	25	S98 and S97	US-PGPUB; USPAT	ADJ	ON	2009/02/20 13:27
S98	323	((buffer or RAM) SAME (hard NEAR4 (drive or disk or disc)) SAME (size or space or area or capacity or extent or range)) and ((bit rate) or (data NEAR3 rate) or (stream\$3 NEAR3 rate)) and (power NEAR4 (minim\$5 or sav\$3))	US-PGPUB; USPAT	ADJ	ON	2009/02/20 13:27
S97	2035	"711".clas. and (power NEAR3 (sav\$3 or conserv \$5))	US-PGPUB; USPAT	ADJ	ON	2009/02/20 13:27
S96	6	((power or energy) NEAR3 aware) WITH (cache or buffer or RAM or memory)) SAME (hard NEAR3 (drive or disc or disk))	US-PGPUB; USPAT	ADJ	ON	2009/02/20 11:45
S95	28	S93 and "713".clas.	US-PGPUB; USPAT	ADJ	ON	2009/02/20 11:17
S94	16	S93 SAME (siz\$3 or space or area or capacity or extent or range)	US-PGPUB; USPAT	ADJ	ON	2009/02/20 11:13

S93	81	((conserv\$5 or sav\$3) NEAR4 (power or energy)) WITH (hard NEAR3 (drive or disk or disc)) WITH (buffer or cache or RAM)	US-PGPUB; USPAT	ADJ	ON	2009/02/20 11:12
S92	1	"7075744".pn.	US-PGPUB; USPAT	ADJ	ON	2009/02/20 10:41
S91	1	"5493670".pn.	US-PGPUB; USPAT	ADJ	ON	2009/02/20 10:39
S90	53	S89 and "713".clas.	US-PGPUB; USPAT	ADJ	ON	2009/02/19 17:49
S89	323	((buffer or RAM) SAME (hard NEAR4 (drive or disk or disc)) SAME (size or space or area or capacity or extent or range)) and ((bit rate) or (data NEAR3 rate) or (stream\$3 NEAR3 rate)) and (power NEAR4 (minim\$5 or sav\$3))	US-PGPUB; USPAT	ADJ	ON	2009/02/19 17:49
S88	147	S84 and "713".clas.	US-PGPUB; USPAT	ADJ	ON	2009/02/19 17:48
S87	1	S84 and S86	US-PGPUB; USPAT	ADJ	ON	2009/02/19 17:48
S86	2378	(optim\$2 or best or ideal or peak) NEAR4 (buffer or RAM or memory) NEAR4 (size or space or area or capacity or extent or range)	US-PGPUB; USPAT	ADJ	ON	2009/02/19 17:48
S85	1	S79 and S84	US-PGPUB; USPAT	ADJ	ON	2009/02/19 17:44
S84	1730	((buffer or RAM) SAME (hard NEAR4 (drive or disk or disc))) and ((bit rate) or (data NEAR3 rate) or (stream\$3 NEAR3 rate)) and (power NEAR4 (minim\$5 or sav\$3))	US-PGPUB; USPAT	ADJ	ON	2009/02/19 17:44
S83	11	S82 and (hard NEAR4 (drive or disk or disc))	US-PGPUB; USPAT	ADJ	ON	2009/02/19 17:26
S82	27	S79 and (power NEAR4 (minim\$5 or sav\$3))	US-PGPUB; USPAT	ADJ	ON	2009/02/19 17:26
S81	10	S80 not S78	US-PGPUB; USPAT	ADJ	ON	2009/02/19 17:19
S80	17	S79 SAME power	US-PGPUB; USPAT	ADJ	ON	2009/02/19 17:19

S79	289	(determin\$3 or detect\$3 or ascertain\$3 or figur\$3 or resolv\$3) NEAR4 (optim\$2 or best or ideal or peak) NEAR4 (buffer or RAM or memory) NEAR4 (size or space or area or capacity or extent or range)	US-PGPUB; USPAT	ADJ	ON	2009/02/19 17:09
S78	7	S77 SAME power	US-PGPUB; USPAT	ADJ	ON	2009/02/19 17:09
S77	156	(determin\$3) NEAR4 optim\$2 NEAR4 (buffer or RAM or memory) NEAR4 (size or space)	US-PGPUB; USPAT	ADJ	ON	2009/02/19 17:09
S76	887	S75 and memory	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15
S75	1039	713/324.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15
S74	48	memory SAME (((turn\$3 or switch\$3) NEAR5 (off or on) SAME (bank or chip or IC or segment or space or compartment or section)) SAME (power NEAR5 consum\$5)	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/10 13:15
S73	536	memory SAME (((turn\$3 or switch\$3) NEAR5 (off or on) SAME (bank or chip or IC or segment or space or compartment or section)) SAME (power)	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/10 13:15
S72	584	memory SAME (((turn\$3 or switch\$3) NEAR5 (off or on) SAME (bank or chip or IC or segment or space or compartment or section)) and (power)	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/10 13:15
S71	6	memory SAME (((turn\$3 or switch\$3) NEAR5 (off or on) SAME (bank or chip or IC or segment or space or compartment or section)) SAME ((hard disc) or harddisc or harddisk or (hard disk) or harddrive or (hard drive))	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/10 13:15
S70	117	(add\$3 or sum\$4) SAME (simultaneous\$2 or concurrent\$2) SAME (stream) SAME ((bit rate) or (data rate))	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15

S69	21	S68 and ("710".clas. or "713".clas.)	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15
S68	273	duty cycle) SAME (calculating or estimat\$3 or measur\$5 or determin5) SAME (power NEAR5 consum\$5)	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15
S67	27	S66 and ("710".clas. or "713".clas.)	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15
S66	395	duty cycle) SAME (calculat\$3 or estimat\$3 or measur\$5 or determin5) SAME (power NEAR5 consum\$5)	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15
S65	17	(buffer or cache) SAME ((hard disk) or harddisk or (hard disc) or harddisc or harddrive or (hard drive)) SAME ((determin\$3 or measur\$5) SAME (data rate)) and stream\$3 and schedul\$3	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15
S64	47	(buffer or cache) SAME ((hard disk) or harddisk or (hard disc) or harddisc or harddrive or (hard drive)) SAME (data rate) and stream\$3 and schedul\$3	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15
S63	139	(buffer or cache) SAME ((hard disk) or harddisk or (hard disc) or harddisc or harddrive or (hard drive)) SAME (data rate) and stream\$3	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15
S62	28	S59 and ((hard disk) or harddisk or (hard disc) or harddisc or (hard drive) or harddrive) and (allocat\$3 SAME (buffer\$3 or cach\$3)) SAME ((data rate) or stream\$3)	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15
S61	52	S59 and ((hard disk) or harddisk or (hard disc) or harddisc or (hard drive) or harddrive) and (buffer\$3 or cach\$3) and ((data rate) or stream\$3)	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15
S60	88	S59 and (hard disk or harddisk or hard disc or harddisc or hard drive or harddrive) and (buffer\$3 or cach\$3)	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15

S59	226	S58 and (power NEAR4 sav \$3)	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15
S58	502	memory SAME (((turn\$3 or switch\$3) NEAR5 (off or on)) SAME (bank or chip or IC or segment or space or compartment or section)) and "713".clas.	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15
S57	226	S56 and (power NEAR4 sav \$3)	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15
S56	502	memory SAME (((turn\$3 or switch\$3) NEAR5 (off or on)) SAME (bank or chip or IC or segment or space or compartment or section)) and "713".clas.	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15
S55	140	S54 and (power NEAR4 sav \$3)	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15
S54	786	S52 and ("711".clas. or "710".clas.)	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15
S53	1315	memory SAME (((turn\$3 or switch\$3) NEAR5 (off or on)) SAME (bank or chip or IC or segment or space or compartment or section))	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/06/10 13:15
S52	9669	memory SAME (((turn\$3 or switch\$3) NEAR5 (off or on)) SAME (bank or chip or IC or segment or space or compartment or section))	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15
S51	2	10/542138	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15
S50	2	10/539029	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15
S49	0	10/597968	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15
S48	1	10/538626	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15
S47	3	10/502526	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15
S46	1	10/502142	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15
S45	2	10/233450	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15
S44	0	11/576697	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15

S43	2	"10340519"	EPO; JPO; DERWENT	ADJ	ON	2008/06/10 13:15
S42	3	"2000163848"	EPO; JPO; DERWENT	ADJ	ON	2008/06/10 13:15
S41	3	"2000298935"	EPO; JPO; DERWENT	ADJ	ON	2008/06/10 13:15
S40	2	WO "2005055226"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2008/06/10 13:15
S39	1	"10581117"	US-PGPUB; USPAT	ADJ	ON	2008/06/10 13:15
S38	813	S37 and memory	US-PGPUB; USPAT	ADJ	ON	2007/12/04 19:09
S37	951	713/324.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/12/04 19:09
S36	46	memory SAME (((turn\$3 or switch\$3) NEAR5 (off or on)) SAME (bank or chip or IC or segment or space or compartment or section)) SAME (power NEAR5 consum\$5)	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/04 18:46
S35	531	memory SAME (((turn\$3 or switch\$3) NEAR5 (off or on)) SAME (bank or chip or IC or segment or space or compartment or section)) SAME (power)	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/04 18:46
S34	580	memory SAME (((turn\$3 or switch\$3) NEAR5 (off or on)) SAME (bank or chip or IC or segment or space or compartment or section)) and (power)	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/04 18:45
S33	6	memory SAME (((turn\$3 or switch\$3) NEAR5 (off or on)) SAME (bank or chip or IC or segment or space or compartment or section)) SAME ((hard disc) or harddisc or harddisk or (hard disk) or harddrive or (hard drive))	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/04 18:44
S15	1317	memory SAME (((turn\$3 or switch\$3) NEAR5 (off or on)) SAME (bank or chip or IC or segment or space or compartment or section))	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/12/04 18:41

S32	109	(add\$3 or sum\$4) SAME (simultaneous\$2 or concurrent\$2) SAME (stream) SAME ((bit rate) or (data rate))	US-PGPUB; USPAT	ADJ	ON	2007/12/04 18:20
S31	18	S30 and ("710".clas. or "713".clas.)	US-PGPUB; USPAT	ADJ	ON	2007/12/04 17:46
S30	251	(duty cycle) SAME (calculating or estimat\$3 or measur\$5 or determin5) SAME (power NEAR5 consum\$5)	US-PGPUB; USPAT	ADJ	ON	2007/12/04 17:46
S28	369	(duty cycle) SAME (calculat\$3 or estimat\$3 or measur\$5 or determin5) SAME (power NEAR5 consum\$5)	US-PGPUB; USPAT	ADJ	ON	2007/12/04 17:46
S29	24	S28 and ("710".clas. or "713".clas.)	US-PGPUB; USPAT	ADJ	ON	2007/12/04 17:45
S27	16	(buffer or cache) SAME ((hard disk) or harddisk or (hard disc) or harddisc or harddrive or (hard drive)) SAME ((determin\$3 or measur\$5) SAME (data rate)) and stream\$3 and schedul\$3	US-PGPUB; USPAT	ADJ	ON	2007/12/04 17:43
S26	41	(buffer or cache) SAME ((hard disk) or harddisk or (hard disc) or harddisc or harddrive or (hard drive)) SAME (data rate) and stream\$3 and schedul\$3	US-PGPUB; USPAT	ADJ	ON	2007/12/04 15:26
S25	119	(buffer or cache) SAME ((hard disk) or harddisk or (hard disc) or harddisc or harddrive or (hard drive)) SAME (data rate) and stream\$3	US-PGPUB; USPAT	ADJ	ON	2007/12/04 15:17
S24	28	S21 and ((hard disk) or harddisk or (hard disc) or harddisc or (hard drive) or harddrive) and (allocat\$3 SAME (buffer\$3 or cach\$3)) SAME ((data rate) or stream\$3)	US-PGPUB; USPAT	ADJ	ON	2007/12/04 14:57
S23	51	S21 and ((hard disk) or harddisk or (hard disc) or harddisc or (hard drive) or harddrive) and (buffer\$3 or cach\$3) and ((data rate) or stream\$3)	US-PGPUB; USPAT	ADJ	ON	2007/12/04 14:57

S22	86	S21 and (hard disk or harddisk or hard disc or harddisc or hard drive or harddrive) and (buffer\$3 or cach\$3)	US-PGPUB; USPAT	ADJ	ON	2007/12/04 14:47
S21	220	S20 and (power NEAR4 sav \$3)	US-PGPUB; USPAT	ADJ	ON	2007/12/04 14:47
S20	473	memory SAME (((turn\$3 or switch\$3) NEAR5 (off or on)) SAME (bank or chip or IC or segment or space or compartment or section)) and "713".clas.	US-PGPUB; USPAT	ADJ	ON	2007/12/04 14:47
S19	219	S18 and (power NEAR4 sav \$3)	US-PGPUB; USPAT	ADJ	ON	2007/12/04 14:46
S18	472	memory SAME (((turn\$3 or switch\$3) NEAR5 (off or on)) SAME (bank or chip or IC or segment or space or compartment or section)) and "713".clas.	US-PGPUB; USPAT	ADJ	ON	2007/12/03 19:35
S14	9157	memory SAME (((turn\$3 or switch\$3) NEAR5 (off or on)) SAME (bank or chip or IC or segment or space or compartment or section))	US-PGPUB; USPAT	ADJ	ON	2007/12/03 19:35
S17	130	S16 and (power NEAR4 sav \$3)	US-PGPUB; USPAT	ADJ	ON	2007/12/03 19:19
S16	733	S14 and ("711".clas. or "710".clas.)	US-PGPUB; USPAT	ADJ	ON	2007/12/03 19:19
S13	2	10/542138	US-PGPUB; USPAT	ADJ	ON	2007/12/03 19:14
S12	2	10/539029	US-PGPUB; USPAT	ADJ	ON	2007/12/03 18:49
S11	0	10/597968	US-PGPUB; USPAT	ADJ	ON	2007/12/03 18:47
S10	1	10/538626	US-PGPUB; USPAT	ADJ	ON	2007/12/03 18:46
S9	3	10/502526	US-PGPUB; USPAT	ADJ	ON	2007/12/03 18:44
S8	1	10/502142	US-PGPUB; USPAT	ADJ	ON	2007/12/03 18:43
S7	2	10/233450	US-PGPUB; USPAT	ADJ	ON	2007/12/03 18:42
S6	0	11/576697	US-PGPUB; USPAT	ADJ	ON	2007/12/03 18:42
S1	1	"10581117"	US-PGPUB; USPAT	ADJ	ON	2007/12/03 18:40

S5	2	"10340519"	EPO; JPO; DERWENT	ADJ	ON	2007/12/03 18:29
S4	3	"2000163848"	EPO; JPO; DERWENT	ADJ	ON	2007/12/03 18:29
S3	3	"2000298935"	EPO; JPO; DERWENT	ADJ	ON	2007/12/03 18:28
S2	2	WO "2005055226"	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2007/12/03 18:27

**EAST Search History (Interference)**

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**7/21/2009 11:22:14 AM**

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